

THE following Returns of Births and Deaths registered in South Australia during the undermentioned period are published for general information.

Chief Secretary's Office, Adelaide, September 4th, 1893.  
J. H. GORDON, Chief Secretary.

Return of Births and Deaths registered in South Australia, exclusive of the Northern Territory, in the Month of July, 1888-93.

Years .....	1888.	1889.	1890.	1891.	1892.	Average of Five Years.	1893.												Total for 1893.
*Population, July 1st	304,461	307,937	310,972	316,285	324,424		336,209												
Births.....	932	945	884	1,080	942	957	966												6,279
Rate per cent. ....	·306	·307	·284	·341	·290	—	·287												
Deaths --							All Ages.	Under 1 year.	1 and under 5.	5 and under 10.	10 and under 20.	20 and under 40.	40 and under 60.	60 and under 80.	80 and upwards.	Not stated.	+Coroners' inquiries.	+Uncertified causes of Death.	
All causes .....	313	255	342	321	251	296	332	70	35	30	55	58	67	17	—	—	27	13	2,422
Rate per cent. ....	·103	·083	·110	·101	·077	—	·099	—	—	—	—	—	—	—	—	—	—	—	
Diseases—																			
I. Specific Febrile or Zymotic ..	28	37	56	31	21	—	42	7	15	12	6	1	1	—	—	—	—	—	
II. Parasitic .....	—	1	—	—	3	—	—	—	—	—	—	—	—	—	—	—	—	—	
III. Dietic .....	5	1	4	2	1	—	3	—	—	—	2	—	1	—	—	—	—	—	
IV. Constitutional..	59	53	54	62	45	—	49	2	3	7	17	13	6	1	—	—	—	—	
V. Developmental..	39	32	34	33	29	—	37	11	—	—	—	—	16	10	—	—	—	—	
VI. Local .....	149	106	155	155	118	—	171	36	17	11	24	37	41	5	—	—	—	—	
VII. Violence .....	18	14	26	16	11	—	15	4	—	—	6	3	1	1	—	—	—	—	
VIII. Ill-defined and not specified causes .....	15	11	13	22	23	—	15	10	—	—	—	4	1	—	—	—	—	—	

\* The numbers represent the population of South Australia proper, and are exclusive of that of the Northern Territory (European and Chinese), and also of the number of the aborigines.  
+ Including inquests.  
‡ Not certified by qualified practitioners.

Causes of Deaths registered in the Month of July, 1893.

	Under One Year.	One Year and Above.		Under One Year.	One Year and Above.		Under One Year.	One Year and Above.
I.			V.			Diseases of locomotive sys- tem .....	—	2
Measles .....	—	—	Premature birth.....	8	—	Diseases of integumentary system.....	—	1
Scarlet fever .....	—	1	Cyanosis .....	—	—	VII.		
Relapsing fever .....	—	—	Congenital defects.....	3	—	(Accident.)		
Influenza ..	—	1	Old age .....	—	26	Fracture and contusion....	—	4
Whooping-cough .....	1	7	VI.			Gunshot wound .....	—	1
Diphtheria .....	—	13	Apoplexy .....	—	6	Cut, stab.....	—	—
Simple and ill-defined fever..	—	2	Epilepsy .....	—	2	Burn and scald .....	—	—
Enteric fever .....	—	3	Convulsions .....	6	2	Poison .....	—	—
Simple cholera .....	—	—	Other diseases of brain and nervous system .....	—	26	Drowning .....	—	1
Diarrhoea, dysentery.....	4	2	Diseases of organs of special sense .....	—	—	Suffocation .....	3	1
Remittent fever .....	—	—	Diseases of circulatory sys- tem .....	—	27	Otherwise .....	1	1
Venereal affections.....	1	1	Croup .....	—	1	(Homicide.)		
Erysipelas .....	1	1	Bronchitis .....	12	13	Murder and manslaughter..	—	—
Pyæmia and septicæmia ....	—	1	Pneumonia .....	10	17	Justifiable homicide .....	—	—
Puerperal fever .....	—	3	Pleurisy .....	—	—	(Suicide.)		
Other zymotic diseases .....	—	—	Other diseases of respiratory system.....	3	2	Gunshot wound.....	—	2
II.			Dentition .....	—	1	Cut, stab .....	—	1
Thrush .....	—	—	Quinsy, sore throat .....	—	2	Poison .....	—	—
Worms and other parasitical diseases .....	—	—	Enteritis .....	2	3	Drowning .....	—	—
III.			Peritonitis .....	—	2	Hanging .....	—	—
Privation—want of breast milk	—	1	Diseases of liver.....	1	6	Otherwise .....	—	—
Alcoholism .....	—	2	Other diseases of digestive system.....	1	3	VIII.		
IV.			Diseases of lymphatic sys- tems and of ductless glands	—	—	Dropsy .....	—	—
Rheumatic fever and rheuma- tism of heart .....	—	—	Diseases of urinary system	1	14	Debility, atrophy, inanition	10	2
Rheumatism .....	—	—	Diseases of generative sys- tem .....	—	2	Mortification .....	—	—
Gout .....	—	—	Accidents of childbirth....	—	3	Tumor .....	—	—
Cancer, malignant disease....	—	9				Abscess .....	—	—
Tabes mesenterica .....	2	—				Hæmorrhage .....	—	—
Tubercular meningitis .....	—	5				Sudden, cause unas- certained .....	—	—
Phthisis .....	—	27				Other ill-defined and not specified causes .....	—	3
Scrofula, tuberculosis .....	—	4						
Other constitutional diseases..	—	2						

## Return of Births and Deaths registered in the City of Adelaide in the Month of July, 1888-93.

Years .....	1888.	1889.	1890.	1891.	1892.	Average of Five Years.	1893.												Total for 1893.
Population, Jan. 1st	36,219	36,400	37,189	37,727	38,240		39,073												
Births .....	97	111	85	140	95	106	114												716
Rate per cent.....	·268	·305	·229	·371	·248	—	·292												
<i>Deaths—</i>							All Ages.	Under 1 year.	1 and under 5.	5 and under 20.	20 and under 40.	40 and under 60.	60 and under 80.	80 and upwards.	Not stated.	* Coroner's inquiries.	+ Uncertified causes of death.		
All causes .....	69	70	70	67	59	67	80	6	8	6	15	24	18	3	—	7	—	559	
Rate per cent .....	·192	·192	·188	·178	·154	—	·205	—	—	—	—	—	—	—	—	—	—		
<i>Diseases—</i>																			
I. Specific Febrile or Zymotic ..	4	7	13	5	3	—	3	—	2	—	1	—	—	—	—	—	—		
II. Parasitic .....	—	—	—	—	2	—	—	—	—	—	—	—	—	—	—	—	—		
III. Dietic .....	4	—	2	1	1	—	1	—	—	—	—	—	1	—	—	—	—		
IV. Constitutional ..	17	17	15	18	7	—	18	—	1	2	7	5	3	—	—	—	—		
V. Developmental...	8	11	5	5	10	—	6	—	—	—	—	—	5	1	—	—	—		
VI. Local .....	32	31	32	33	30	—	48	5	5	4	6	17	9	2	—	—	—		
VII. Violence .....	3	3	3	1	2	—	3	1	—	—	1	1	—	—	—	—	—		
VIII. Ill-defined and not specified causes .....	1	1	—	4	4	—	1	—	—	—	—	1	—	—	—	—	—		

\*Including inquests.

+Not certified by qualified practitioners.

## Causes of Deaths registered in the Month of July, 1893.

	Under One Year.	One Year and Above.		Under One Year.	One Year and Above.		Under One Year.	One Year and Above.
I.			Scrofula, tuberculosis ....	—	1	Accidents of childbirth ....	—	1
Measles .....	—	—	Other constitutional diseases	—	1	Diseases of locomotive system	—	2
Scarlet fever .....	—	—				Diseases of integumentary system .....	—	—
Relapsing fever .....	—	—	V.					
Influenza .....	—	—	Premature birth .....	—	—	VII. (Accident.)		
Whooping-cough .....	—	—	Cyanosis .....	—	—	Fracture and contusion ....	—	—
Diphtheria .....	—	2	Congenital defects .....	—	—	Gunshot wound .....	—	—
Simple and ill-defined fever ..	—	—	Old age .....	—	6	Cut, stab .....	—	—
Enteric fever .....	—	—				Burn and scald .....	—	—
Simple cholera .....	—	—	VI.			Poison .....	—	—
Diarrhoea, dysentery .....	—	—	Apoplexy .....	—	1	Drowning .....	—	—
Remittent fever .....	—	—	Epilepsy .....	—	1	Suffocation .....	—	—
Venereal affections .....	—	—	Convulsions .....	—	1	Otherwise .....	1	—
Erysipelas .....	—	—	Other diseases of brain and nervous system .....	—	9	(Homicide.)		
Pyæmia and septicæmia ....	—	—	Diseases of organs of special sense .....	—	—	Murder and manslaughter ..	—	—
Puerperal fever .....	—	1	Diseases of circulatory system	—	8	(Suicide.)		
Other zymotic diseases .....	—	—	Croup .....	—	—	Gunshot wound .....	—	1
II.			Bronchitis .....	2	4	Cut, stab .....	—	1
Thrush .....	—	—	Pneumonia .....	2	5	Poison .....	—	—
Worms and other parasitical diseases .....	—	—	Pleurisy .....	—	—	Drowning .....	—	—
III.			Other diseases of respiratory system .....	—	—	Hanging .....	—	—
Privation—want of breast milk	—	—	Dentition .....	—	—	Otherwise .....	—	—
Alcoholism .....	—	1	Quinsy, sore throat .....	—	—			
IV.			Enteritis .....	1	1	VIII.		
Rheumatic fever and rheumatism of heart .....	—	—	Peritonitis .....	—	—	Dropsy .....	—	—
Rheumatism .....	—	—	Diseases of liver .....	—	2	Debility, atrophy, inanition	—	1
Gout .....	—	—	Other diseases of digestive system .....	—	1	Mortification .....	—	—
Cancer, malignant disease ..	—	3	Diseases of lymphatic systems and of ductless glands	—	—	Tumor .....	—	—
Tabes mesenterica .....	—	—	Diseases of urinary system	—	6	Abscess .....	—	—
Tubercular meningitis .....	—	3	Diseases of generative system	—	1	Hæmorrhage .....	—	—
Phthisis .....	—	10				Sudden, cause unascertained	—	—
						Other ill-defined and not specified causes .....	—	—

*Return of Births and Deaths registered in each Ward of the City of Adelaide, exclusive of Deaths in Public Institutions, of persons not usually resident in the city, in the Month of July, 1893.*

	Total.	Hindmarsh.	Gawler.	Grey.	Young.	Robe.	MacDonnell.
Area in acres .....	3,632	573	659	552	718	480	650
Estimated population January 1st .....	39,073	6,217	6,873	8,070	9,405	3,666	4,842
Persons to an acre .....	10·8	10·8	10·4	14·6	13·1	7·6	7·4
Births .....	114	20	11	34	27	7	15
Male .....	53	7	5	21	9	3	8
Female .....	61	13	6	13	18	4	7
Deaths .....	64	17	10	11	17	4	5
Male .....	45	16	7	7	10	2	3
Female .....	19	1	3	4	7	2	2
CLASSES.							
I. Specific Febrile or Zymotic Diseases .....	2	—	1	—	—	—	1
II. Parasitic Diseases .....	—	—	—	—	—	—	—
III. Dietic Diseases .....	1	—	—	—	1	—	—
IV. Constitutional Diseases .....	15	4	3	2	3	1	2
V. Developmental Diseases .....	6	4	—	—	1	—	1
VI. Local Diseases .....	37	7	6	9	11	3	1
VII. Violence .....	2	1	—	—	1	—	—
VIII. Ill-defined and not specified causes .....	1	1	—	—	—	—	—
Percentage of Deaths to population of each Ward .....	·164	·273	·145	·136	·181	·109	·103

*Causes of Deaths registered in the Month of July, 1893.*

	Under One Year.	One Year and Above.		Under One Year.	One Year and Above.		Under One Year.	One Year and Above.
I.			Phthisis .....	—	9	Accidents of childbirth ....	—	1
Measles .....	—	—	Scrofula, tuberculosis .....	—	1	Diseases of locomotive system	—	1
Scarlet fever .....	—	—	Other constitutional diseases.	—	1	Diseases of integumentary system .....	—	—
Relapsing fever .....	—	—	V.					
Influenza .....	—	—	Premature birth .....	—	—			
Whooping-cough .....	—	—	Cyanosis .....	—	—	VII.		
Diphtheria .....	—	2	Congenital defects .....	—	—	(Accident.)		
Simple and ill-defined fever ..	—	—	Old age .....	—	6	Fracture and contusion ....	—	—
Enteric fever .....	—	—	VI.			Gunshot wound .....	—	—
Simple cholera .....	—	—	Apoplexy .....	—	1	Cut, stab .....	—	—
Diarrhoea, dysentery .....	—	—	Epilepsy .....	—	1	Burn and scald .....	—	—
Remittent fever .....	—	—	Convulsions .....	—	1	Poison .....	—	—
Veneral affections .....	—	—	Other diseases of brain and nervous system .....	—	4	Drowning .....	—	—
Erysipelas .....	—	—	Diseases of organs of special sense .....	—	—	Suffocation .....	—	—
Pyæmia and septicæmia ....	—	—	Diseases of circulatory system	—	8	Otherwise .....	1	—
Puerperal fever .....	—	—	Croup .....	—	—	(Homicide.)		
Other zymotic diseases .....	—	—	Bronchitis .....	2	4	Murder and manslaughter ..	—	—
II.			Pneumonia ..	2	3	(Suicide.)		
Thrush .....	—	—	Pleurisy .....	—	—	Gunshot wound .....	—	1
Worms and other parasitical diseases .....	—	—	Other diseases of respiratory system .....	—	—	Cut, stab .....	—	—
III.			Dentition .....	—	—	Poison .....	—	—
Privation — Want of breast milk .....	—	—	Quinsy, sore throat ..	—	—	Drowning .....	—	—
Alcoholism .....	—	1	Enteritis .....	1	1	Hanging .....	—	—
IV.			Peritonitis .....	—	—	Otherwise .....	—	—
Rheumatic fever and rheu- matism of heart .....	—	—	Diseases of liver .....	—	2	VIII.		
Rheumatism .....	—	—	Other diseases of digestive system .....	—	1	Dropsy .....	—	—
Gout .....	—	—	Diseases of lymphatic systems and of ductless glands ...	—	—	Debility, atrophy, inanition	—	1
Cancer, malignant disease ..	—	1	Diseases of urinary system ..	—	4	Mortification .....	—	—
Tabes mesenterica .....	—	—	Diseases of generative system	—	—	Tumor .....	—	—
Tubercular meningitis .....	—	3				Abscess .....	—	—
						Hæmorrhage .....	—	—
						Sudden, cause unascertained.	—	—
						Other ill-defined and not spe- cified causes .....	—	—

G. H. AYLIFFE, Registrar-General of Births and Deaths.

## JULY, 1893.

The highest temperature in the shade at the Adelaide Observatory during the month was  $63^{\circ}6$  on the 23rd; and the lowest,  $35^{\circ}7$ , on the 3rd. The mean temperature of the month was  $51^{\circ}2$ .

The greatest range of the thermometer in one day,  $23^{\circ}4$ , took place on the 30th, viz., from a maximum of  $62^{\circ}6$  to a minimum of  $39^{\circ}2$ ; the lowest range,  $7^{\circ}7$ , on the 17th.

The mean height of the barometer was 29.949 inches; the maximum, 30.342 inches, occurred on the 27th; and the minimum, 29.480 inches, on the 21st.

Observatory, Adelaide, August 3rd, 1893.

C. TODD, Observer.